

**Gold King Mine Interim Treatment Ponds  
Sludge Sample Analytical Results**

	TP1		TP2		Units
Analyte	8/18/2015		8/18/2015		
Aluminum	16,000	J	8200	J	mg/Kg
Antimony	4.2	J-	3	UJ	mg/Kg
Arsenic	73		98		mg/Kg
Barium	27	J+	51	J+	mg/Kg
Beryllium	1.2	J	1.3	J	mg/Kg
Cadmium	2.7	J	1.8	J	mg/Kg
Calcium	9400		6800		mg/Kg
Chromium	6.3		7.7		mg/Kg
Cobalt	4.4	J	3.2	J	mg/Kg
Copper	700	J-	710	J-	mg/Kg
Iron	300,000	J	150,000	J	mg/Kg
Lead	160	J-	220	J-	mg/Kg
Magnesium	3700	J-	1200	J-	mg/Kg
Manganese	870	J	650	J	mg/Kg
Mercury	0.13	U	0.11	U	mg/Kg
Molybdenum	10	J	13	J	mg/Kg
Nickel	4.2		3.2		mg/Kg
pH adj. to 25 deg C	3.99	J	3.82	J	SU
Potassium	2400	J	1600	J	mg/Kg
Selenium	2.5	U	2.8	J	mg/Kg
Silver	1.4	J-	1.2	J-	mg/Kg
Sodium	1500	J	1100	J	mg/Kg
Thallium	0.36	J	0.29	J	mg/Kg
Total Solids	4.7		4.7		%
Vanadium	44	J	57	J	mg/Kg
Zinc	860	J	640	J	mg/Kg

U The analyte was analyzed for but not detected

J The result is less than the reporting limit but greater than or equal to the MDL and the concentration is an approximate value.